

TUNGSTEN IS FAST BECOMING THE BIG BET WITH YAVAPAI

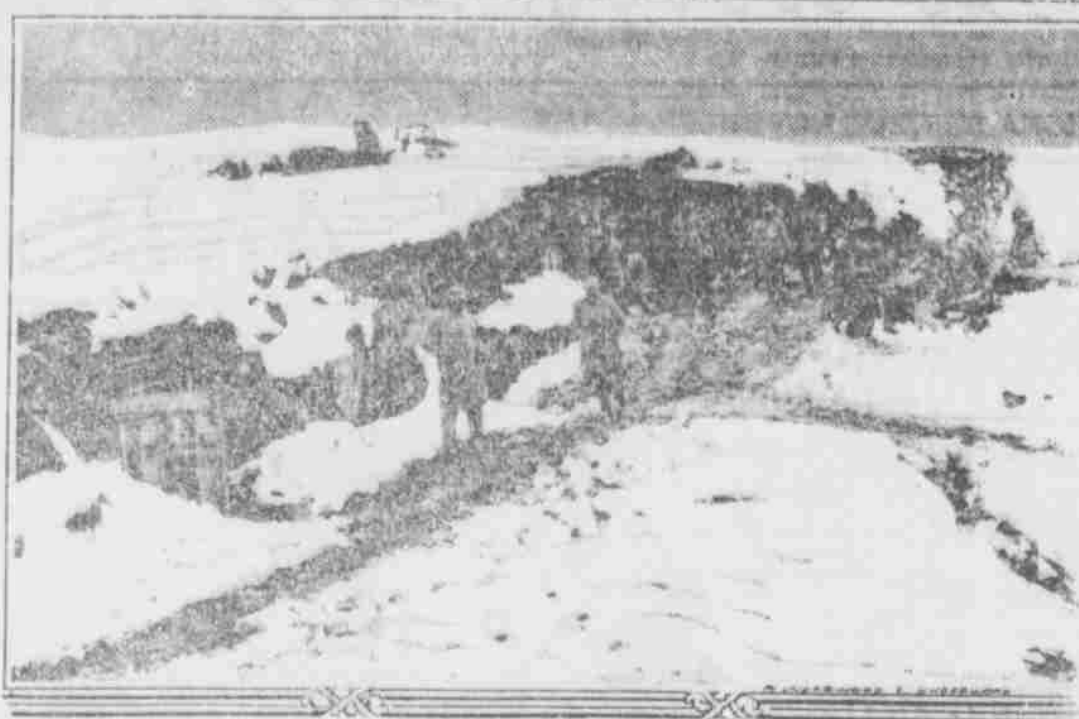
Much Excitement Had in Prescott Over Prospects of Mining Tungsten; Several Valuable Locations Have Been Made.

PRESCOTT, Nov. 27.—These days, if one sees a group of men in earnest conversation, and one of them is making a jack-knife analysis of a piece of rock, it's a safe bet that they will be found to be talking tungsten—which is the new language of the prospector. Few of them know the language or the ore very well as yet, but they all know, or think they know, where there is a mountain of it. As a result of this quest for the valuable mineral which is so a certainty known to occur in this county, the newsmen have accumulated enough iron to start a blacksmith shop. But in some cases the prospector has brought in the real thing, and this spoils a whole lot to the fortunate locator, for it is pretty poor tungsten ore that is not worth as much per ton as the thousand-dollar gold rock.

Something over a week ago a Courier representative was shown pieces of wolframite. It was in the possession of Mr. George Thompson, and he said that it was a new find about seven miles from Castle Hot Springs. A day or two later he went back to the two claims which he had located, and on Wednesday last he returned to Prescott with more of the ore. He describes the vein as outcropping a streak of the wolframite only about two inches in width, but at a little depth the quartz streak widens, as does the clean streak of wolframite, and in places this clean ore is five inches in width. The quartz which is the matrix of the wolframite is also widening with depth. Besides the clean streak of wolframite, the whole streak of quartz contains smaller streaks and spots of the heavy, black wolframite.

Mr. Thompson went to the claims by the Black Canyon route, and having the wagon road, took in the Tip Top camp and the camp of Jess Davis on route. At the Tip Top mine he found Mr. A. F. Miller making tungsten tests of the so-called waste dumps of the old mine, which, as he pointed out in this paper, has been found by the ordinary sampling method to contain sufficient wolframite to make the entire mass run about 1.52 percent tungsten. Mr. Miller is assisted in the tests by W. W. Elliott and Frank Wagner. In speaking of what he saw to the way of wolframite at the old camp, Mr. Thompson said that he would probably be accused of exaggeration if he told even half the

ANOTHER TERRIBLE WINTER SETS IN FOR EUROPE'S WARRIORS



First snow on Italian front.

Severe winter has already set in on the Dolomite Alps and the Austrian and Italian warriors are fighting in the snow and probably will be for the next five months. Austrian troops are holding the line.

truth. He went into such old workings as are above water level, and saw a great quantity of wolframite in place in the vein and broken in the stopes. A tunnel 995 feet in length shows the ore in many places, and in dumps, which are now the subject of examination, the valuable ore is everywhere.

Continuing his journey about three miles, he came to the wolframite mine now being worked by Jess Davis. The ore is in place, and there is a goodly streak of it. Mr. Davis is engaged in driving a tunnel upon the vein, and has some ore upon the dump. From the Jess Davis property it is but a few miles to the claims where the wolframite ore was being mined by the owner when Mr. Thompson passed that way on a former trip. This time he found that the strata were not dipping as they had been abandoned, as the fine grinding caused the dip to show when panned. However, the owner was still extracting ore, and will probably pack it out for concentration, or ship the ore as it is.

The ore from the Thompson claim is identical with that of the Tip Top. Mr. Thompson has several hundred pounds of it upon the dump. Only a very little work has been done upon the vein as yet, but the owner expects to be back on the job by next Monday.

The Tip Top is probably the biggest "sleeper" that has been picked up in Arizona or any other mining country for many a day. Besides the wolframite content of the dumps, all-

ver to the amount, of \$5 to \$19 a ton is also found, in the form of Chloride.

In Eureka District

The four places above enumerated where an ore of tungsten has been found and is being extracted, are near the extreme southern boundary of this county. As the crew files, the belt veins of hubnerite (another ore of tungsten) in Eureka district are 125 miles away from the wolframite district in Southern Yavapai. Of course there is nothing like the Tip Top in the way of ore actually mined and developed, but the veins are said to be of great size. Through the ground owned by Messrs. Connors, Lawley and Wood, several veins are easily traced, and in the largest vein which is the one from which the recent shipment was made, the ore is said to be from two to six feet wide.

After Mr. Connors had located what ground he wanted, Messrs. Orville Boshart, Robt. M. Robbins and Geo. McKerron took up adjacent ground. The largest vein upon this ground is reported to be ten to twelve feet in width, with hubnerite quite evenly disseminated throughout the quartz. Pieces of this ore recently brought to Prescott by Mr. Robbins are apparently about half hubnerite. It is believed that the whole mass of quartz will yield handsomely when concentrated. Mr. Boshart is also interested in other claims, his partner being Mr. E. J. Temple, of Boulder, Colorado, who is very familiar with tungsten ore.

TURKEY CREEK IS THE CENTER OF INTEREST IN YAVAPAI COUNTY

Various Mines in This Section of Turkey Creek Said to Be on the Boom; Several Properties Look Better Than Ever.

PHOENIX, Nov. 27.—Turkey Creek district, according to reports made yesterday by J. E. Swigert, the mining man, is in the same active class as other sections of this country, and more development and heavier production are going on at present than at any time in recent years.

While that belt adjacent to the Bradshaw Mountain railroad is rated as silver bearing, gold and copper mining is assuming a new phase in this industry.

James P. Cleator is erecting a new hoist within 200 feet of the track at Turkey, and will develop his gold property. Two two-compartment shafts are being sunk, and shipping is scheduled to the smelter.

The Tyson gold claims are steadily operating, and a run of several tons in a gasoline-propelled arastra is said to have given a clean-up at better than \$20 to the ton from free milling ore.

Sam Parker has started a camp at his copper mines and is reported to be producing a very high grade ore, that goes to the smelter later.

In silver mining, twelve camps are running below the station, the nearest being the principal operator. The coming of winter is the occasion to the general revival of mining in this field, the temperature in the summer necessitating a general suspension. Many of these silver mines in past years have produced heavily, and the belief that the white metal is to advance again brings there properties into an active state.

Mr. Swigert also stated scores of prospectors are entering that section hunting tungsten. The old Snider silver mine, abandoned many years ago on account of the excess of this mineral in its ore, is again active and in new hands. Other locations are being made for this mineral, and so mezzod strikes are reported. On dumps also are being analyzed since the Tip Top has resumed, and the search for tungsten promises to become quite an interesting matter this winter.

FLOTATION PROCESS VERY SUCCESSFUL IN ANACONDA PROPERTY

Writer in Engineering and Mining World Tells of Introduction of New Process to the Big Montana Copper Mine.

Anaconda's metallurgists, through the conversion of the main Washoe concentrator into a flotation plant, have won the greatest triumph in the annals of copper metallurgy and put the Anaconda company into the ranks of the low-cost producers of copper," says the Engineering and Mining Journal, in an article describing the results of the remodeling of the Anaconda works. This reconstruction work is now about 75 percent to 80 percent completed and by the end of the year is expected to be finished. The writer says:

From September, 1915, about 8,000 tons of ore daily were treated by the new process. Applying the data derived from that month to the production figures of 1915 and computing on the basis of 14 cents a pound for copper, it is reckoned that the saving would have been about \$7,250,000. Putting the thing in a different way, the gain of valuable metals previously lost in tailings and slag would have been 50,000,000 pounds of copper, nearly 1,000,000 ounces of silver and about 5,000 ounces of gold.

"The enormous saving is being effected at the cost of about \$5,500,000 for the new plant. In other words, the outlay of that vast sum of money will be repaid in about eight months."

"What has been accomplished sounds almost fabulous. Formerly the tailings wasted from the mill averaged about 0.52 percent copper. Now they go only about 0.10 percent, and there is a reasonable expectation that even that small figure will be bettered. The Anaconda ore fed into the mill contains 60 pounds of copper per ton whereof only 1.18 pounds now goes away with the tailings. The recovery is in milling is therefore 97.34 percent."

"Not the least remarkable thing in this great transformation was the skill

TURN HAIR DARK WITH SAGE TEA

Grandma kept her locks dark, glossy and thick with a simple mixture of Sage Tea and Sulphur.

The old-time mixture of Sage Tea and Sulphur for darkening gray, streaked and faded hair is grandmother's treatment, and folks are again using it to keep their hair a good, even color, which is quite sensible, as we are living in an age when a youthful appearance is of the greatest advantage.

Nowadays, though, we don't have the troublesome task of gathering the sage and the mussy looking at home. All drug stores sell the ready-to-use product called "Wyeth's Sage and Sulphur Compound" for about 50 cents a bottle. It is very popular because nobody can discover it has been applied. Simply moisten your comb or a soft brush with it and draw this through your hair, taking one small strand at a time; by morning the gray hair disappears, but what delights the ladies with Wyeth's Sage and Sulphur is that, besides beautifully darkening the hair after a few applications, it also produces that soft lustre and appearance of abundance which is so attractive; besides, prevents dandruff, itching scalp and falling hair.—Advertisement.

with which everything was done without interfering with production, there having been no general shut-down of the plant, no diminution of the regular output. The alteration of the concentrator was done section by section, and so efficiently was this managed that the time of changing a section from the old style to the new was only 28 days."

The financial and scientific courage of the Anaconda management is illustrated in the fact that, after it had been planned to remodel the Washoe concentrator for leaching on a huge scale, the demonstrated superiority of the flotation process caused the abandonment of that plan, and only the leaching unit then under construction was completed.

SALTS FINE FOR ACHING KIDNEYS

We eat too much meat, which clogs kidneys, then back hurts and bladder bothers you.

Most folks forget that the kidneys, like the bowels, get sluggish and clogged and need a flushing occasionally, else we have backache and dull misery in the kidney region, severe headache, rheumatic twinges, torpid liver, acid stomach, sleeplessness and all sorts of bladder disorders.

You simply must keep your kidneys active and clean, and the moment you feel an ache or pain in the kidney region, get about four ounces of Jad Salts from any good drug store here, take a tablespoonful in a glass of water before breakfast for a few days, and your kidneys will then act fine. This famous salts is made from the acid of grapes and lemon juice, combined with lithia, and is harmless to flush clogged kidneys and stimulate them to normal activity. It also neutralizes the acids in the urine so it no longer irritates, thus ending bladder disorders.

Jad Salts is harmless; inexpensive; makes a delightful effervescent lithia-water drink which everybody should take now and then to keep their kidneys clean thus avoiding serious complications.

A well-known local druggist says he sells lots of Jad Salts to folks who believe in overcoming kidney trouble while it is only trouble.

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Four-room house furnished, divided for 100x100 feet, toilet and sewer connections, \$300.00 cash takes it.

SOUTH BISBEE
Six-room house, electric lights, Naco water also mine water, chicken house, barn, storage, coal shed, grain room; \$1200.00, easy payments.

NACO ROAD
Three-room house, porch, toilet and sewer connections, electric lights, yard; \$475.00, terms.
Four-room house, electric lights, toilet, bath, newly painted, also garage and cabin; \$750.00, terms.

JONIS HILL
Ten-room house, sewer connections, electric lights, newly painted and papered; near street car line; \$2700.00, terms.
TATE HILL
12-room house, sewer connections, flush toilets, electric lights, gas connections, fruit and shade trees, sleeping porch; \$2500.00, terms.

JIGGERSVILLE
A very desirable four-room house, rents for \$20.00 per month, is now rented; \$900.00, terms.

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